

THE BULLETIN

DECEMBER 16, 1991 ~ 45TH YEAR ~ NUMBER 10

Centres of Excellence Receive Support

BY DAVID TODD

ONTARIO'S CENTRES OF EXCELLENCE have received a five-year lease on life.

The provincial government announced Dec. 4 that it will continue funding the seven university-based centres until 1997. The province's initial five-year commitment was scheduled to expire Dec. 31, 1992.

"What a relief it is," declared Professor James Keffer, vice-president (research and international relations). "From our point of view, this is the most important initiative that the government could have looked at."

The government is expected to announce the exact level of funding next February or March after examining five-year plans submitted by each of the centres. The minister of industry, trade and technology, Ed Philip, has told officials at the centres to assume the province will commit at least as much money as it did over the first five years. The centres will have received \$204 million from the government's \$1 billion Ontario Technology Fund by the end of 1992.

The province established the centres in 1987 to stimulate advanced research, produce skilled researchers and promote the transfer of technology from universities to industry.

U of T is involved in five of the centres — Ontario Laser & Lightwave Research Centre (OLLRC), Information Technology Research Centre, Manufacturing Research Corporation of Ontario, Ontario Centre for Materials Research and Institute for Space & Terrestrial Science. In 1990-91 U of T received more than \$11 million in research funding from the centres of excellence program.

Martin Walmsley, director of the technology fund for the Ministry of Industry Trade & Technology, said the decision to renew funding for the centres was based on the findings of performance reviews covering their first 30 months of operation. Each centre was evaluated by a panel of independent experts and all were rated excellent to outstanding.

There is "no question at all," Walmsley said, that the centres of excellence program has so far lived up to expectations. Some technology transfer to industry has already occurred and over the next year the provincial advisory committee on the centres hopes to develop means of measuring in exact terms the benefits these facilities are creating, for industry in particular and the province in general.

Among the key indicators of success is the amount of research work

~ See CENTRES: Page 2 ~

Sounds of the Season



Knox College music director John Derksen plays a carol on the college's tracker organ during the annual Christmas service Dec. 11. The organ, based on an 18th-century Swedish model, replicates its sound and historical detail. It was installed last summer.

DAVID WOHLFAHRT

Prichard Accepts Salary Freeze

PRESIDENT ROBERT PRICHARD will accept a salary freeze for the 1992-93 fiscal year.

Governing Council chair Robert McGavin said he and the president agreed formally to this measure in light of the serious financial constraints the University is facing. "In this environment, it seemed to make a lot of sense for the president to provide leadership," McGavin said.

"It's not a gesture," he added. "It's a necessity. There's no immunity out there; this situation is going to touch everybody."

The soon-to-be-announced increase in operating grants from the province to universities for 1992-93 is expected to be the lowest in recent history. University budgets in Ontario are already "cut to the bone," McGavin said. If institutions are faced with further funding reductions, they will have to consider cuts in their spending on salaries for staff and faculty which account for approximately 80 percent of their budgets.

The provincial government has urged all the major transfer agencies

in Ontario to introduce executive salary freezes. Provincial officials, including Treasurer Floyd Laughren, have also pointed to the need for lower negotiated wage settlements in all public sector institutions including universities.

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Research Links Protein to Drug Resistance

Clinical trials under way to counteract protein's effect

BY DAVID TODD

A RESEARCH TEAM LED BY TWO U of T scientists has taken a major step toward determining why some cancer patients don't respond to drug therapy.

Professors Helen Chan of the Department of Paediatrics and Victor Ling of the Department of Medical Biophysics, along with their colleagues, found evidence linking a protein called P-glycoprotein to drug resistance among children suffering

from a rare form of cancer known as neuroblastoma. Their findings were published Dec. 5 in the *New England Journal of Medicine*.

Researchers now must try to establish whether this finding has any practical application to cancer treatment. Chan, who spends part of her time caring for cancer patients at the Hospital for Sick Children, is overseeing a clinical trial employing a drug that may counteract the effects of the protein.

At a Dec. 3 news conference, Chan

said that the trial should eventually offer some indication whether the drug, cyclosporin A, has any effect on the response of patients to chemotherapy. But such results, she added, "take a long time to come about."

Drug resistance is considered a major barrier to successful cancer treatment. Medical researchers have estimated that it accounts for thousands of cancer deaths each year.

Their study builds on work that Ling, head of the molecular and structural biology division of the

Ontario Cancer Institute at Princess Margaret Hospital, has conducted over the past 15 years. He and his colleagues had found that cancer cells with resistance to the drugs used in chemotherapy show abnormally high levels of P-glycoprotein.

This protein is thought to serve as a defence mechanism in normal cells, pumping toxins away before they can cause harm. Cancer cells, however, could use the P-glycoprotein to protect themselves against

~ See RESEARCH: Page 2 ~

IN BRIEF



UC student named Rhodes scholar

TASHI RABGEY, A FOURTH-YEAR STUDENT IN ECONOMICS AND INTERNATIONAL relations at UC, has been awarded a Rhodes scholarship. Rabgey, 21, is president of the UC Literary & Athletic Society and has also been actively involved in promoting campus safety at U of T. She plans to specialize in international relations at Oxford. Eleven Rhodes scholarships are now awarded in Canada every year. Rabgey is the 32nd UC student to win one.

Mak receives \$100,000

PROFESSOR TAK MAK OF THE DEPARTMENTS OF MEDICAL BIOPHYSICS and Immunology and head of the cellular and molecular biology division of the Ontario Cancer Institute has received a \$100,000 grant for AIDS research. The grant is funded by the Life & Health Insurance Companies in Canada. It is the first industry research award of the Canadian Foundation for AIDS Research, an organization that raises funds for AIDS research. Mak is investigating how the dormant HIV virus becomes active and how compounds can be used to block the onset of AIDS.

Print challenges theory

DR. HOWARD SAVAGE OF THE DEPARTMENT OF ANTHROPOLOGY and Dr. Donald Chrisman of the Andover Foundation for Archaeological Research in Massachusetts announced at a meeting of the medical archaeology and anthropology section of the Academy of Medicine Dec. 11 it is "highly probable" that a print discovered in a cave in New Mexico last spring is a human one. The small print appears to have been left by someone's finger, palm or sole and is 28,000 years old. The finding challenges the orthodox "early man" theory that says human beings came to North America 12,000 years ago. Savage and Chrisman expect to publish their findings in the journal *Science* and are preparing a paper for the February meeting of the American Association for Advancement of Science.

Team combats date rape

PROFESSOR HELEN LENSKEY, RESEARCH ASSOCIATE PAULA BOURNE, senior research officer Melanie Randall and graduate student Christabelle Sethna, all of the Centre for Women's Studies in Education at the Ontario Institute for Studies in Education, are part of a team to raise awareness about date rape on college and university campuses. They will join representatives from York University and Seneca College in developing an anti-date rape kit and planning a province-wide training session dealing with the material. The project, announced Dec. 3, will be funded by the Ministry of Colleges & Universities.

Aksan wins thesis award

A PHD THESIS WRITTEN BY VIRGINIA AKSAN OF THE DEPARTMENT OF Middle East & Islamic Studies has been selected by the Middle East Studies Association (MESA) as the best social sciences dissertation in its field for 1990-91. Aksan, recently appointed to the teaching staff in McMaster University's history department, earned the Malcolm H. Kerr Dissertation Award for her thesis "Ahmed Resmi Efendi, 1700-1783: The Making of an Early Ottoman Reformer." MESA, an organization of academics in the field, receives submissions for the annual competition from universities across North America. This is the second time in three years that a U of T student has won.

United Way announces winners

WINNERS OF THE UNIVERSITY'S 1991 UNITED WAY DRAW ARE: Professors Olev Trass of the Department of Chemical Engineering & Applied Chemistry; C.A. Cowell of the Department of Obstetrics & Gynaecology; Sidney Aster of history at Erindale College; J.C. Roder of the Department of Immunology; Jacques Kornberg of the Department of History; John Timusk of the Department of Civil Engineering; and J.C. Krug of the Department of Botany as well as Ken McMaster of the Projects, Planning & Construction Department. To date U of T has collected \$520,000 of its \$575,000 campaign goal for this year.

Appeal is Launched

BY KARINA DAHLIN

THREE MEMBERS OF A UNIVERSITY grievance review panel (GRP) and Professor Marsha Hewitt of the Faculty of Divinity at Trinity College have appealed a ruling by Justice Dennis Lane of the Ontario Court of Justice. The Nov. 8 decision says the panel failed "to give basic rights to those who appeared as witnesses before it." The witnesses were members of a search committee and included Professor Peter Slater, the former dean of divinity at Trinity.

The dispute that led to the court case goes back to 1986 when Hewitt was appointed to a sessional position for one year, renewable for three years. In 1988 when a tenure-stream position was advertised, Hewitt applied for but was not offered the job. Dissatisfied with the search process, she charged that she had been subjected to gender discrimination by Slater and the college. Her complaint was submitted to the GRP, chaired by Professor Cecil Yip of the Banting & Best Department of Medical Research. It concluded in February 1990 that Hewitt had a rightful claim to the tenure-stream position and the college acted accordingly.

However, Slater and four other members of the Trinity search committee appealed the panel's decision to the Court of Justice. They did not challenge Hewitt's status but wished

to correct the panel's finding that eight members of the search committee "conspired" to pool their votes in order to prevent the selection of Hewitt. The five were surprised by the conspiracy charge, the court was told. As witnesses to the GRP they were not permitted legal representation nor allowed to hear the evidence of other witnesses.

The 43-page decision by Lane agrees with the five applicants that their reputations have suffered and says "a declaration of rights" is the appropriate remedy. Such a declaration has no legal effect but will "clear the slur" cast upon Slater and his colleagues by the panel, the judge says.

Hewitt's notice of appeal lists 10 grounds, among them that the judge erred in his conclusion that witnesses in such procedures are entitled to natural justice. The GRP's notice of appeal gives five reasons for overturning Lane's decision. It says the panel did not violate "a legal duty of fairness" to the members of the search committee and states there was no legal relationship between them and the panel.

In an interview, Slater said he is pleased with Lane's judgment but disappointed that an appeal is being launched. He and his colleagues cannot claim any of their costs — "well over \$10,000," he said — until the matter is settled.

Centres Receive Support

~ Continued from Page 1 ~

companies are now contracting to the centres. In 1990-91 the centres attracted \$16.9 million in contract funding, three times the total committed by industry when the centres were first formed. "Industry wouldn't be putting in that amount of money if they didn't realize there was good research being done," Walmsley said.

The number of graduate students working at the centres has grown from 1,378 in January 1988 to 2,190 in 1991. And Keffer said the existence of the program has enabled the

universities to attract to their faculties many talented researchers who might otherwise have left the province to pursue opportunities elsewhere.

Professor Michael Charles of the Department of Chemical Engineering & Applied Chemistry, executive director of OLLRC, said the program has also promoted greater cooperation among universities in the area of research. The centres provide links between researchers from different institutions, facilitating the exchange of ideas.

Research Links Protein to Drug Resistance

~ Continued from Page 1 ~

chemotherapy drugs.

Until now there was no definitive evidence that Ling's findings had any direct clinical significance. It was Chan who suggested that the research team put them to the test using tumour samples — some of them dating back 25 years — stored in the pathology department of the Hospital for Sick Children.

The researchers examined specimens from 67 patients treated for neuroblastoma, a childhood cancer which is fatal in more than half of all cases. Those children who had failed to respond to chemotherapy were found to have high levels of P-glycoprotein in their cancer cells. Those who did respond well had no detectable level of the protein.

"I believe this is the most convincing clinical study to look at the correlation of P-glycoprotein with response to chemotherapy," Ling said.

The research team devised a sensitive, antibody-based test to detect the presence of the protein pump in tumour cells, Ling said. This technique should give clinicians a means of determining, prior to administering chemotherapy, whether the treat-

ment will prove effective.

Medical researchers around the world are now attempting to determine whether it is possible to improve the effectiveness of chemotherapy by using so-called "chemosensitizer" drugs to block the action of P-glycoprotein. Chan's trial with cyclosporin A, a drug commonly used to prevent tissue rejection in transplant patients, began in February.




Season's Greetings

and Best Wishes
for the New Year
from the Staff at
The Bulletin

UNIVERSITY - OF - TORONTO

THE BULLETIN

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Revised Policy Comes Under Fire

BY CAROLYN MEREDITH

WOMEN IN THE UNIVERSITY community are feeling "demoralized and unheard" because the revised sexual harassment policy does not clearly address the issue of sexist behaviour, says Jacquelyn Wolf, director of the School of Continuing Studies.

Under the proposed policy currently being considered by the University Affairs Board, the definition of sexual harassment does not include certain types of behaviour such as sexist comments in the classroom. In a Nov. 27 memorandum to the board, Wolf said sexist behaviour violates the Ontario Human Rights Code. University employees must be "sufficiently aware" of what constitutes sexual harassment and the procedures for dealing with complaints and resolution, she said.

At a special meeting Dec. 3 she admonished members for not mentioning sexist behaviour in the policy. "You will never be able to say now, or in any future court case, that you didn't know the implications of what was decided. Like many others I will pay a personal and probably professional price for speaking so directly. But when I examined my conscience on the issue, the price of silence seemed even higher."

Last fall the Special Committee to Review Policy & Procedures: Sexual Harassment, chaired by Wolf, proposed amendments to the policy including the recommendation that sexist behaviour be included in the definition of sexual harassment.

The revised policy contains a new section — Other Matters That May Be Dealt With — that outlines various types of behaviour not condoned

by the University such as "any persistent or vexatious course of conduct, whether verbal or non-verbal ... that emphasizes sex or sexual orientation." Complainants could use this section to seek recourse for sexist or homophobic behaviour.

Under this section, and at the discretion of the sexual harassment officer, a respondent may be asked to attend mediation sessions in the attempt to resolve the conflict. The policy does not outline any specific punitive action.

Paddy Stamp, the University's sexual harassment officer, said she receives a significant number of complaints about classroom behaviour. The revised policy "off-loads the definition of sexual harassment onto the officer. Any decision I make will be criticized."

Suzie Scott, executive director of the U of T Faculty Association (UTFA), said sexist and homophobic behaviour do not constitute sexual harassment. Sexist behaviour in the classroom is a political question not a sexual harassment issue and could be dealt with by having students fill out professorial evaluations. Faculty members are sometimes denied merit pay increases if they receive negative evaluations.

Professor Jack Stevenson of the Department of Philosophy said a respondent should be allowed to face his or her accuser after charges are laid. Professorial evaluations are conducted anonymously.

Jane Abrey, acting Status of Women Officer, suggested that sexist behaviour be reported to the sexual harassment officer who could then refer the situation to an appropriate administrative officer.

Non-Profit Status Proposed for Press

UOF T PRESS (UTP) SHOULD BE incorporated as a non-profit organization, Business Board members recommended at a meeting Nov. 25. If approved by Governing Council, the proposal would change the decision in June to establish UTP as a for-profit business.

Implementation of UTP's new business plan began after Council's June meeting. However, it became obvious that a not-for-profit status would be the best solution, said David Sadleir, vice-president (computing and communications). "It was judged to be a more prudent starting point for achieving some of the long-term objectives."

Governing Council may consider the proposal at its next meeting Dec. 19.

Terrence Stephen, a chartered accountant with Price Waterhouse and a member of the UTP management board and Business Board, said that since the purpose of the Press is to carry out scholarly publishing, it is appropriate it be designated as a non-profit organization. "Although we

want to commercialize the operation and run it on a business-like basis, we don't want to tell the world that instead of serving the University community, the Press wants to make a profit."

The board also recommended that Council approve a transfer of \$1.5 million from the ancillary operations fund to the operating fund — in effect, that the University write off \$1.5 million of UTP's debt. Another \$6.5 million would be converted into an interest-free loan representing U of T's equity in the Press. Audited financial statements show that as of April 30, UTP owed a total of \$12.2 million, said Robert White, assistant vice-president (finance).

If Council approves the proposal this year, the restructuring of UTP will begin. Employees may receive a plan and timetables before the holidays but the new corporation will not take form until the new year, members of the board were told.

According to the proposal, the Press will undergo a review in June 1994.

A Rose to Remember



HONIA FANIAN

In a service Dec. 6 at Convocation Hall, Kimberley Stanley, a fourth-year UC student, adds a rose to a vase in memory of the 14 women killed two years ago at l'Ecole Polytechnique in Montreal. Faculty, staff and students participating in the service spoke of the struggle to overcome sexism, the progress women have made and the challenges ahead.

Members Express Frustration

THE INTRICACIES OF THE University's sexual harassment policy are challenging the patience of members of the University Affairs Board (UAB). At a special meeting Dec. 3 held to discuss proposed revisions to the policy members expressed their frustration with the level and length of the debate.

In an interview, Paul Paton, an undergraduate board member, said it was the "most different and difficult" meeting ever. "There are a lot of tough debates and some really tough decisions that the board has to make all at once. At the same time you have to consult with board members who aren't familiar with the material. If anything, that is what's causing the confusion."

The board began its current round of discussions of the draft policy in September. An orientation session to familiarize new members with the history of the policy is tentatively planned for early January, said Barry McCartan, chair of the board. "Some new members are only beginning to grasp the issue. Last year members had a chance to ease into the material but this year they are being asked to discuss it right away."

Professor Jack Stevenson of the Department of Philosophy, who joined UAB last year, said the board has been discussing changes to the

policy for nearly three years. In an interview he expressed his disappointment with the Dec. 3 debate. "People are kind of fed up — there's a lot of frustration at the lack of progress. We endlessly debate and we don't seem to get anywhere. I think this policy has become extraordinarily complex with all this amateur legalism that goes into it."

McCartan said he is pleased with the course of the debate. "I think this is exactly what the process is supposed to do," he said. "Someone presents a new draft of the policy and then people take shots at it."

David Neelands, assistant vice-president (student affairs) and a presidential assessor on the board, said he is not surprised at the way the meetings are proceeding. Sexual harassment is a complex and difficult topic, he said, and the board has to balance a number of issues. "One concern is the way sexual harassment damages both the institution and people who are subject to the behaviour. We also need a clear definition and procedures that are fair and expeditious."

Peggy Haist, an administrative staff member, is new to the board this year. She said she is not surprised by the lengthy and complicated nature of the debate. "We're learning all the time and it's a slow process. You do need a bit of time to go back and

think. The board members are mainly members of the community not academics. They are not experts on the topic of sexual harassment."

Anderson Nominated

PROFESSOR HARVEY ANDERSON, chair of the Department of Nutritional Sciences, has been nominated acting dean of the Faculty of Medicine. The nomination will be brought forward for approval at a special meeting of the Academic Board Dec. 19.

If appointed, Anderson will replace Professor John Dirks who resigned after last month's controversy in medicine over the dismissal and then reinstatement of 79 staff.

Anderson joined U of T in 1970 as assistant professor in the former School of Hygiene and became chair of nutritional sciences in 1981. From 1984 to 1987 he was the faculty's associate dean of research. In addition to his teaching and research activities at U of T, Anderson is a visiting professor to three institutions in the People's Republic of China and chair of the Ministry of Health's advisory committee on environmental hypersensitivity.



PEACE

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LETTERS

PRESS DESIGNS DEEMED TASTELESS

The U of T Press ad was in such bad taste in human terms that it momentarily overshadowed its bad taste in design terms ("Design and Printing for U of T," Dec. 2).

Design — Printing — Duplicating indeed. *Their* designs are on all the printing and duplicating work displaced by the Nov. 13 layoffs in divisions of Central Services. A week and a half after the reinstatement of the services clearly was not sufficient time for them to rework the ad to mitigate its insensitivity to those people whose work the Press has designs on.

But then again, maybe the Press has *no designs* on anything and the ad was just one of those unfortunate time-space-semantics accidents.

DASHA POHORAL
IMS CREATIVE COMMUNICATIONS

UTSA SHOULD RETURN TO POLICY COMMITTEES

Just as the U of T Staff Association announces it is seeking a memorandum of agreement with the University, it withdraws its representatives from 10 policy committees that deal with issues such as child care, parking and salaries and benefits.

Brilliant.

Surely our professional association could have found some means of protest that would not have left

us without representation on these important bodies.

A.J. SCHOEN NUSBACHER
HART HOUSE

STAFF IN MEDICINE THANK SUPPORTERS

On behalf of the staff in the Technical Services Division, Faculty of Medicine, I would like to express our appreciation to the members of the Faculty of Medicine, the University of Toronto Faculty Association, the University of Toronto Staff Association, friends and colleagues for their encouragement and support through the uncertainties of the past few weeks.

Recognizing that difficult times are still before us, we welcome the opportunity to work together with the faculty and administration in addressing the severe financial restraints facing the University of Toronto.

M.R. PAULL
DIRECTOR
TECHNICAL SERVICES DIVISION

LETTERS DEADLINES

JANUARY 3 FOR JANUARY 13
JANUARY 17 FOR JANUARY 27

Letters should be submitted on a computer disk in WordPerfect or plain text format, or on paper, typed and double spaced. Please include a telephone number and, if possible, a fax number.



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BOOKS

The following are books by U of T staff. Where there is multiple authorship or editorship, staff are indicated by an asterisk.

December

Structures from the Trivium in the Cantar de Mio Cid, by James F. Burke (University of Toronto Press; 239 pages; \$55). This book considers the authorship of *Cantar de Mio Cid*, one of the great works of Spanish literature, as revealed in key structural components. Placing the work more in the emerging culture of writing than in the sphere of oral poetry, it is argued that the text was produced in a manner typical for the Middle Ages by a writer who followed procedures specific to the period.

Correspondance générale d'Helvétius, Volume III: Lettres 465-719, edited by *David Smith, Peter Allan, *J.A. Dainard, Marie Thérèse Inguenaud and J.D. Orsoni (University of Toronto Press; 471 pages, \$120). The letters in this volume offer further insight into a variety of aspects of life in 18th-century France. They were written between 1761 and 1774, a period in which Helvétius travelled to England (1764) and Prussia (1765) and produced two books, *Le Bonheur* and *De l'homme*, both published after his death.

From Paralysis to Fatigue, by Edward Shorter (Maxwell Mac-

millan Canada; 419 pages; \$29.95). This book traces changes in psychosomatic symptoms and medical diagnoses over the past two centuries.

The Bone-Biomaterial Interface, edited by J.E. Davies (University of Toronto Press; 502 pages; \$140). To address the diverse interests and areas of expertise related to the subject of bone-biomaterial interaction, a conference in Toronto at the end of 1990 brought together 40 scientists from research teams in Canada, Europe, Japan and the US as well as representatives of 23 of the world's major health care companies. This volume includes both the papers presented at the conference and the debate and discussion which followed each one.

Research in Global Strategic Management, Volume 2: Global Competition and the European Community, edited by Alan M. Rugman and Alain Verbeke (JAI Press Inc.; 285 pages; \$38 US). In this volume leading international business scholars assess how multinational corporations are responding to the current moves toward economic integration under the "EC 1991" measures. To unify the nine original papers delivered at the conference, the editors provide a new strategic management framework, analyzing entry barriers.



Department of Health Administration

The Department of Health Administration at the University of Toronto invites applications for the position of **Program Director for the BHSc. (Health Administration) program**. This is a contractually-limited term appointment (CLTA), of a minimum of three years, with the possibility of extending the contract for an additional two years. Suitable applicants will have preparation in one of the health administration or related disciplines, such as, accounting, economics, management information systems, marketing, organizational behaviour. The successful candidate will be expected to teach in and coordinate the BHSc program, conduct health services research, and demonstrate clear strength in developing and providing direction for this new program. Excellent communication skills and interpersonal skills are essential. Academic rank will be in accordance with the candidate's experience.

Interested applicants are asked to send their résumé and the names of three referees to: Dr. Peggy Leatt, Professor and Chair, Department of Health Administration, University of Toronto, 2nd Floor, McMurrich Building, 12 Queen's Park Crescent West, Toronto, Ontario M5S 1A8.

Effective date of appointment: 1 February 1992 (tentative)
Closing date for receipt of applications: 15 January 1992 (tentative)

In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. The University of Toronto encourages both men and women to apply for positions.

CANADA: A DISILLUSIONED DAUGHTER

A man of letters examines the art of writing and the state of Canada

BY PETER O'BRIEN

ROBERTSON DAVIES, MASTER EMERITUS AT MASSEY College, has published more than 30 works including his most recent novel *Murder & Walking Spirits*. Peter O'Brien, former editor of *The Bulletin* and currently U of T's coordinator of community relations, talks to Davies about evil, politics and the University.

Peter O'Brien: *You've written a lot about evil in many of your books. Is there a facet of evil that you haven't yet explored in print?*

Robertson Davies: Well, evil is extraordinarily broad and widely extended and to define it is a very long job. But I'm interested in the duality and the ambiguity of evil and good because so often what seems to be evil may eventually produce some good thing and vice versa.

No civilization is wholly good. It's all a terrible ambiguity of good and evil and that's what fascinates me: trying to find some kind of thread through this maze.

PO: *Is there one thing that you think of as being particularly indicative of evil in our age?*

RD: That's a very difficult question. I think that one of the curious things about our age is our almost neurotic emphasis on the necessity for both national and international peace and cooperation, and how that is partnered by very violent, single acts of destruction — shootings, killings, mass murders — as though people couldn't bear the intensity of the push towards total peace, which is, I think, an unnatural state for mankind.

PO: *In this most recent book you call Canada a "socialist monarchy." I have trouble understanding what you mean by that. Do you think, for example, that the country is becoming more or less a socialist country?*

RD: It is in perpetual flux. There are people who very much oppose the monarchical business but they don't recognize that it also includes parliamentary government. You break with a monarchy and you get into a system rather like the US where everything is pseudo-democratic and even the judges are elected. That has brought about a system that has not sufficient checks.

PO: *Canadians almost of necessity think of themselves in relationship to other countries — pro-American, anti-American, pro-British, internationalist. Is this a symptom of our meagre history?*

RD: I think it is one of the problems of having a comparatively small population in a very large land mass. When you look at the map we look a lot more important than we can possibly be in terms of the weight of our population and our political action. And that gives us a psychology rather like an overgrown boy who is six foot two but hasn't really got control of all his muscles yet.

PO: *In one of your lectures from 1977 you described Canada as the daughter who stayed at home. Is this still so?*

RD: Canada is the disillusioned daughter who stayed at home and now realizes that she is very much on her own. Britain has two sides like every country and one is deeply ungrateful and self-serving. When Canada no longer meant much to Britain we just got the chop like that. We were all right as long as we were cheap, but we aren't cheap any more and we stand in a rather curious, chilly position between Britain and the States and are moving inevitably towards the States.

PO: *In the most recent book you use films quite a lot. Do you like going to films?*

RD: I used films because I've been enormously interested in them, their fantastic development of the whole art of drama. Also one of the things about them which fascinates me is their strong kinship to dreams. When people go to a film and it's a successful, gripping film, you can look around and it seems as if we're all sitting there dreaming a dream in common.

PO: *Is death a sort of dream?*

RD: Well, that is the thing that I wanted to explore. That was why I used film as a suggestion of what might happen after death because what happens to the man in my book after his death is a kind of summing up before he's ready to go on to something else. At the end of the book there's a strong hint that he's found out something extremely vital.

PO: *Is death something then to be feared, or something to be relished?*

RD: It's impossible to say. It seems to me that when we talk

about death we might with a good deal of common sense look at birth — we are born and we are only very slightly aware of it. There is now enough medical evidence that we have some experience of life before birth, of life in the womb. So that children experience some conditioning from what they dimly hear and experience and feel in the atmosphere of where they are before they are born. This might suggest that after death there might be another period of preparation for the next move on. It's a funny thing that none of the reviewers seemed to have picked that up.

PO: *At one point in this book you describe an artist as somebody who makes a living by exploiting his or her wretchedness. Is this what you do?*

RD: No. I've tried not to exploit my wretchedness. That was a sly remark because I'm amused by the present fashion for the wretched, the miser-

able book. Unless a book is really dreadful in what it suggests about life and humanity it's not serious. This is bunkum, it's just a fashionable trend and I am very opposed to it.

PO: *Do you consider your work to be political?*

RD: Inevitably there is some element of that in my work. But really what I am interested in is the psychological development of the country and I think that is something that in our Canadian literature has not been widely examined. By psychological development I mean how the land affects the people and what it creates in terms of national character, what kind of people emerge in the sort of society that we have. Not only what are their achievements and what are their objective concerns but what are their dreams, what are their hopes, what are their despairs?

PO: *What Canadian writers are you most interested in?*

RD: I'm very interested in Margaret Atwood, Mordecai Richler, whom I've known for years, and I think that Guy Vanderhaeghe is an immensely interesting person. Carol Shields is an enormously interesting writer, and of course Alice Munro. There is a long list of very good writers. It surprises me that our politicians haven't caught on to this yet.

PO: *How do we get the politicians to realize this?*

RD: Well we get people like Chuck Cook to stop talking bullshit about Canadian books. His comments were really unbelievable. Very embarrassing. But did anybody in parliament say "shut up, Cook" or "chuck it, Chuck" or any of the things they could have said? No, none of them.

PO: *Is there any particular memory that you have of your years at U of T?*

MASTER OF WORDS

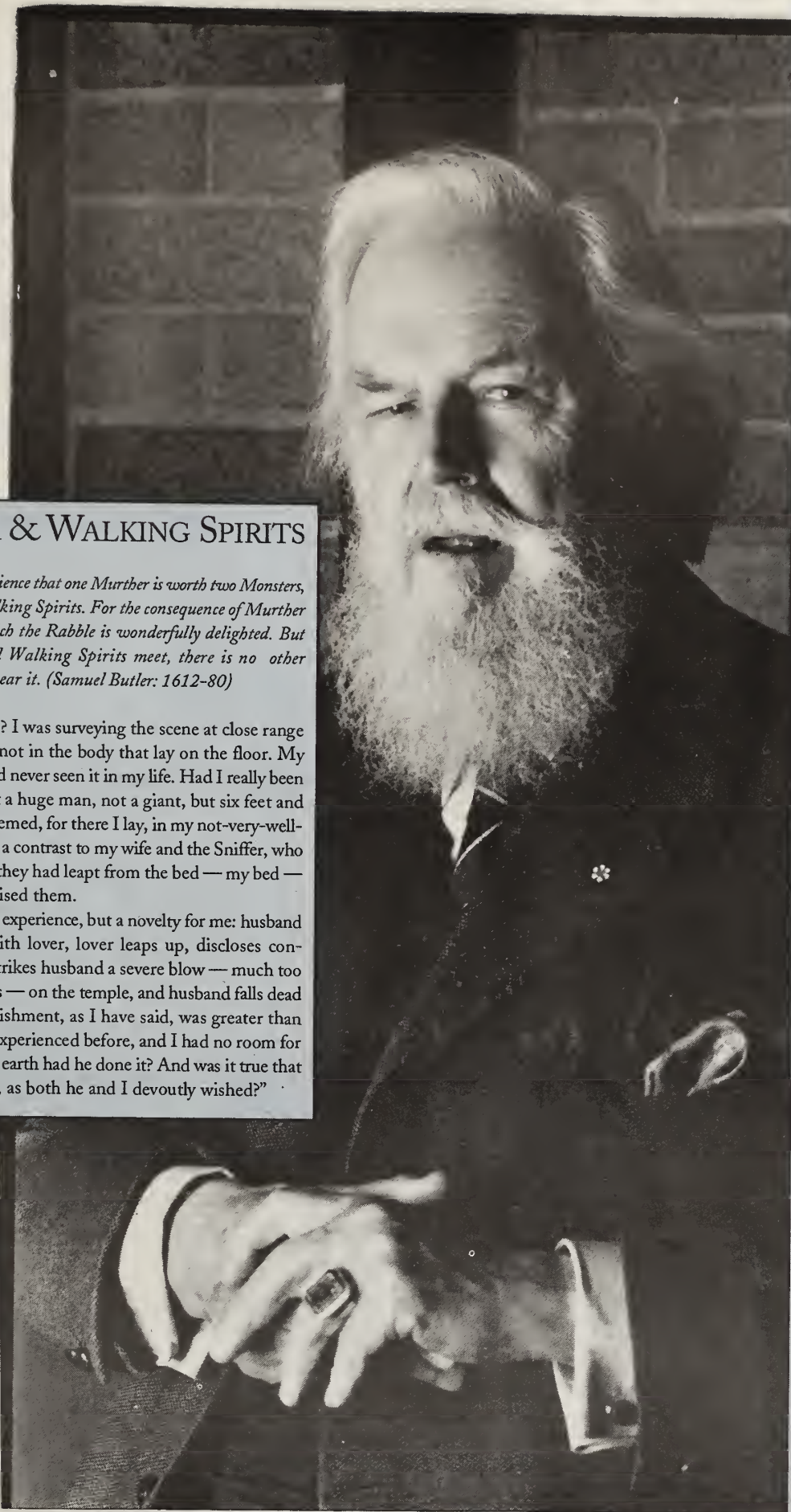
ROBERTSON DAVIES IS PERHAPS CANADA'S MOST DISTINGUISHED man of letters. He has more than 30 works to his credit including the novels for which he is best known, volumes of plays and collections of speeches.

Davies was born in Thamesville, Ontario, and educated at Upper Canada College, Queen's University and Balliol College, Oxford. He acted for several years with the Old Vic Company in London and later was a major force in launching the Stratford Festival. From 1940 to 1965 he was by turns literary editor of *Saturday Night*, editor and then publisher of the Peterborough *Examiner* and author of 18 books.

In 1960 Davies began teaching literature at Trinity College and in 1963 became the first master of Massey College. He retired in 1981 and is now master emeritus.

His most popular books which have a wide international following are the novels including the Salterton trilogy: *Tempest-Tost* (1951), *Leaven of Malice* (1954) and *A Mixture of Frailties* (1958); the Deptford trilogy: *Fifth Business* (1970), *The Manticore* (1972) and *World of Wonders* (1975); and the Cornish trilogy: *The Rebel Angels* (1981), *What's Bred in the Bone* (1985) and *The Lyre of Orpheus* (1988).

He has received many honorary degrees, is a companion of the Order of Canada and was the first Canadian to become an honorary member of the American Academy & Institute of Arts & Letters.



MURTHUR & WALKING SPIRITS

Printers finde by experience that one Murther is worth two Monsters, and at least three Walking Spirits. For the consequence of Murther is hanging, with which the Rabble is wonderfully delighted. But where Murthers and Walking Spirits meet, there is no other Narrative can come near it. (Samuel Butler: 1612-80)

“Where was I? I was surveying the scene at close range but I was not in the body that lay on the floor. My body, looking as I had never seen it in my life. Had I really been such a big man? Not a huge man, not a giant, but six feet and rather heavy? So it seemed, for there I lay, in my not-very-well-pressed summer suit, a contrast to my wife and the Sniffer, who were both naked, as they had leapt from the bed — my bed — in which I had surprised them.

A cliché of human experience, but a novelty for me: husband finds wife in bed with lover, lover leaps up, discloses concealed weapon and strikes husband a severe blow — much too severe, it now appears — on the temple, and husband falls dead at his feet. My astonishment, as I have said, was greater than anything I had ever experienced before, and I had no room for indignation. Why on earth had he done it? And was it true that he could not undo it, as both he and I devoutly wished?”

RD: Well, one of the things about it which I realized very quickly when I came to the University was that the University as a whole was incomprehensible to me because there were just so many extraordinary things going on which I didn't understand and could never understand and which I very much doubt if Simcoe Hall understands. It is a kind of city of intellect and it has intellect on a very broad number of levels. Here again I think the politicians are standing on a banana skin when they talk about frills and so forth at universities. They want a kind of university where you have taps, and you turn it on and you get a gallon of engineers or a gallon of computer scientists. They seem to think of it only in terms of something that can be used only for immediate benefit. They never think of it as a place which infects the whole country with an intellectual quality and an aspiration which is of incalculable value. There are too many failed lawyers in politics.

A SPIRITUAL AWAKENING

IN *MURTHUR & WALKING SPIRITS* ROBERTSON DAVIES TAKES the most intangible of human dramas — what happens after we die — and fashions a tale of personal history, metaphysics and, to use a word that occurs many times throughout the book, feeling.

The “murther” occurs in the book's opening sequence: “I was never so amazed in my life as when the Sniffer drew his concealed weapon from its case and struck me to the ground, stone dead.” The rest of the book is about “walking spirits” — the spirit of the recently deceased newspaper editor Gil Gilmartin and the various spirits of Gilmartin's ancestors.

Gilmartin stalks his wife, Esme, and his killer, the Sniffer, for the first few days after his murder. He attends his own funeral (“a comedy beyond even my expectation”) and then, with the Sniffer, attends a film festival where he sees his family's history played out before him. The reader follows the lives of various Gilmartin ancestors through the American Revolution and their canoe trek to Canada, then to Wales to pick up another thread of the family and back to Canada where builders, rogues, singers, storytellers and religious devotees people the pages.

The ethereal films that Gilmartin watches explain the importance of his ancestral family with all its quirkiness and passion. “Quite the most troublesome figure was my father. That the man I knew as wise should once have been so confused, so bamboozled by Cupid, so befooled by a girl, so dominated by his instructors, so wanting in self-determination, was unbearable. What had given him strength? What had hardened this seeming putty into steel? Was I to learn?”

The reader is also treated to a feast of minutiae and information including the hierarchical order in which a castle servant empties chamber-pots, a discourse on tarring and feathering, how to fake the look of mahogany on cheaper wood and the ravages that come from eating opium.

But perhaps the most important thing that Gilmartin learns from this lore and cast of family characters is that feelings have more significance than thoughts and words. “Oh, what a god we have made of the mind, the understanding, which is so necessary to life, but which hangs like a cloud in the sky above the physical world which is the totality of every human creature! The mind: a trifle! Feeling is more than what happens in the mind; feeling possesses the whole living being.”

What Davies attempts to describe throughout the book is the mysterious inner life that is informed by the tumult of sense, action, idea and imagination of which humans seem only dimly conscious. Gilmartin cannot be free of this world until he begins to understand the essence of his life: that which exists beyond words, beyond the categorizing mind. He has reached the end of his corporeal life but only the beginning of his spiritual life. Rebirth, metaphysics, mysticism — these are the guideposts of the book's progress.

Murther & Walking Spirits is a far more personal work than much of Davies' previous fiction. It is hard not to imagine that this book is an attempt to reassess the soul behind the many words he has put to paper. The reader can see his desire to understand the many influences — both tactile and spiritual — that compose a life. The spirit of Gil Gilmartin that wanders this book works through and then lets go of facts in preparation for an understanding of his soul, lets go of time's vagaries in order to embrace eternity.

At one point Gilmartin reflects that “death is full of surprises.” There are indeed many surprises throughout *Murther & Walking Spirits*. The retribution that awaits the Sniffer (initially Gilmartin wants to do the Sniffer “some notable harm”) becomes less and less a concern in the minds of both Gilmartin and the reader. The light touch of the writing is a curiously appropriate complement to the weightiness of the topic at hand. And the way Davies redefines the notion of spiritual awakening is both profound and clever.

MURTHUR & WALKING SPIRITS

BY ROBERTSON DAVIES

DOUGLAS GIBSON/MCCLELLAND & STEWART

357 PAGES, \$27.95

PROFILE

A GIFTED VOLUNTEER

Marjorie Ivey turns keepsakes into cash

By CAROLYN MEREDITH

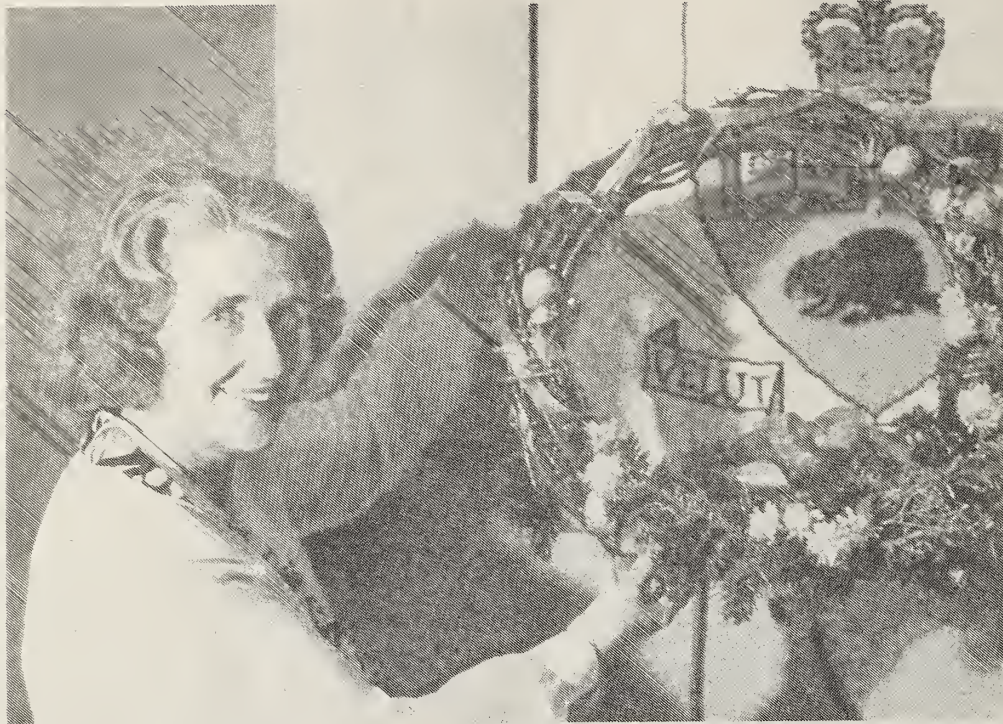
AN ANSWER TO THE University's funding crisis may be right under President Robert Prichard's nose. Marjorie Ivey, coordinator of the U of T Women's Association (UTWA) gift shop in Simcoe Hall, has a source of income for the University that many people on campus may have overlooked.

Ivey started the shop in 1984 as a UTWA volunteer activity to keep the membership involved in the U of T community and to heighten the association's presence on campus. Since then she and her team of volunteers have donated more than \$100,000 in revenue to the University.

The UTWA was created in 1982 to promote fellowship among the faculties and colleges, to welcome newcomers and their spouses, to undertake projects for U of T's benefit and to plan social functions. The organization is open to faculty, staff and alumni as well as their spouses.

Before establishing the shop, Ivey conducted an extensive market research survey. "In order to see if it would go, I phoned up 70 people around the University and asked what they thought of the idea. Everyone said it was a good one — and not only that, they volunteered to work in the shop."

Staffing the gift shop is probably Ivey's biggest challenge. "Volunteers are a dying breed. It's a continual struggle to find enough people to work in the shop. We don't look too



far down the road; we just go from year to year — but we're still here," she says. The shop is run by 35 women. Many of them are married to faculty members but former deans and professors also pitch in. Ivey says she would like to add at least 10 names to her list of loyal volunteers.

Among the items available are jewellery, blue and white baby sweaters, stuffed animals, sketches of campus scenes and U of T memorabilia. All items are sold on consignment.

Whether people make crafts or donate a treasure, the seller sets the price and the gift shop retains 25 percent.

The UTWA has continually developed innovative ideas to increase sales. This fall, volunteers designated a section of their display case as the Tiny Treasure-Trove. Individuals in the University community may now donate "little treasures — artful articles the owners consider too precious to give away without their value being truly appreciated," says Ivey.

One gift that is especially popular at convocation time is a rose. Shortly after the shop opened, volunteers began to sell the flowers at graduation. "We took \$100 and figured we could afford to gamble with it," Ivey says. The women bought some roses and blue and white streamers, then set to work removing the thorns from the flowers.

"We sold out just like that," she says. People were disappointed so we rushed

out and bought more. We could see it was a marvellous idea and people just loved it."

The UTWA has established scholarships at various colleges and donates money each year to the U of T Press for scholarly publications. Among other contributions this year are \$5,000 to the Faculty of Arts & Science to help pay for a promotional video for prospective students and \$5,000 to Massey College for a piano.

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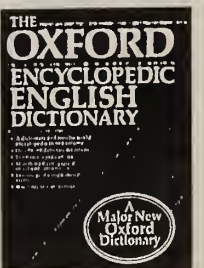
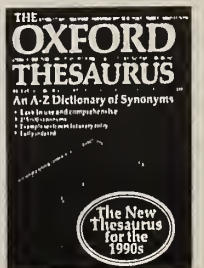
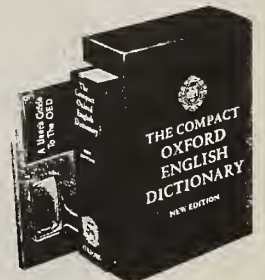
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Governing Council Election 1992

Nominations open

January 13th, 9 a.m.

Nominations close

January 24th, noon

Positions

- 4 Teaching staff seats
(Federated Universities;
A&S Sciences; Engineering;
Medicine)
- 1 Administrative staff seat
- 4 Full-time undergraduate
student seats
- 2 Part-time undergraduate
student seats
- 2 Graduate student seats

Governing Council is composed of 50 members including the President, the Chancellor, 16 government appointees, 12 teaching staff, 8 alumni, 8 students, 2 administrative staff and 2 presidential appointees. Council and its Boards are responsible for approval of such items as:

- academic and incidental fees
- establishment of new academic programs
- major admissions and awards policy
- the University's budget
- campus planning and capital projects
- personnel policies
- campus and student services

Information and nomination forms are available from

Susan Girard
Chief Returning Officer
Room 106 Simcoe Hall
978-6576

EVENTS



LECTURE

Adam and Dallas "Reclaim" Patriarchy: "Progressive Men" Appropriate Feminism in the Popular.

MONDAY, JANUARY 13

Anita Sheth, OISE; Popular Feminism lecture and discussion series. Boardroom, 12th floor, Ontario Institute for Studies in Education. 252 Bloor St.W. 8 p.m. *Women's Studies in Education, OISE*

COLLOQUIUM

Picosecond Spectroscopy of Organic Reaction Intermediates.

THURSDAY, DECEMBER 19

Prof. Edwin Hilinski, Florida State University. 428 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*



SEMINARS

Genetic Analysis of Signal Transduction in the Adrenal Cortex.

WEDNESDAY, DECEMBER 18

Margaret Wong, Department of Pharmacology. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

New Initiatives in Drug Programs.

WEDNESDAY, JANUARY 8

Alison Pilla, Ontario Ministry of Health. 210 Koffler Institute for Pharmacy Management. 9:30 a.m. *Pharmacy*



MEETINGS

Governing Council.

THURSDAY, DECEMBER 19

Council Chamber, Simcoe Hall. 4:30 p.m.

Academic Board.

THURSDAY, JANUARY 9

Council Chamber, Simcoe Hall. 4:15 p.m.

Business Board.

MONDAY, JANUARY 13

Council Chamber, Simcoe Hall. 5 p.m.



MUSIC

TRINITY COLLEGE

Choral Evensong.

WEDNESDAY, JANUARY 8

Robert Bell, director. Trinity College Chapel. 5:30 p.m.

**FACULTY OF MUSIC
EDWARD JOHNSON**

BUILDING

Faculty Artists Series.

SATURDAY, JANUARY 11

The Symphony Players: Julie Ranti, flute; Frank Murphy and Claire Scholtz, oboes; Joseph Orłowski and David Bourque, clarinets; Kathleen McLean and Mitchell Clarke, bassoons; Scott Wilson and Richard Cohen, horns; James Spragg, trumpet; Gordon Sweeney, trombone; Murray Crewe, bass trombone; and Edward Tait, bass. Walter Hall. 8 p.m. Tickets \$8, students and seniors \$10.



EXHIBITIONS

THOMAS FISHER RARE BOOK LIBRARY

Eric Gill: His Life and Art.

TO JANUARY 31

Woodcuts, wood engravings and etchings. 1st and 2nd floors. Hours: Monday to Friday, 9 a.m. to 5 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE Student Work.

DECEMBER 16 TO JANUARY 7

A selection of student projects completed during the fall session. The Galleries, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

JUSTINA M. BARNICKE GALLERY, HART HOUSE

JANUARY 6 TO FEBRUARY 2

Source/Derivations II.

Allan Harding MacKay. East Gallery.

Recent Acquisitions.

Hart House permanent collection. West Gallery. Gallery hours: Monday and Friday, 11 a.m. to 6 p.m.; Tuesday, Wednesday and Thursday, 11 a.m. to 8 p.m.; Saturday and Sunday, 1 to 4 p.m.

ERINDALE COLLEGE

Ernest T. Seton.

JANUARY 6 TO JANUARY 30

Historical exhibition travelling from Lindsay Art Gallery. Art Gallery. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 12 noon to 5 p.m.

EVENTS NOTICES

The Bulletin is always pleased to receive notice of events. Please remember, however, that we need the announcement two weeks prior to the date of issue in which it is to appear — please consult the deadlines section at the end of the Events section to be sure. We also need, in the case of speakers, a full first name or two initials and the department (if the speaker is from U of T) or institution with which the person is affiliated. Don't forget the title, date, time, location and sponsoring department, faculty or centre.



DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin offices, 21 King's College Circle, 2nd floor, by the following times:

Issue of January 13, for events taking place Jan. 13 to 27: **MONDAY, DECEMBER 23.**

Issue of January 27, for events taking place Jan. 27 to Feb. 10: **MONDAY, JANUARY 13.**

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your name counts as one word as does your phone number, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope.

ACCOMMODATION RENTALS AVAILABLE — METRO & AREA —

Casa Loma Inn (Annex). 20-room inn on very quiet street. Attractive, clean, comfortable rooms. 4-piece baths, air conditioning, TV, radio, fridge, laundry, parking. U of T, subway, restaurants, banks minutes away. Competitive daily, weekly, monthly rates. 924-4540.

House for rent (Brampton). 2-storey, approximately 2,500 sq. feet, fully furnished, main-floor family room, living-room, formal dining-room, large eat-in kitchen, 2 1/2 bathrooms, 3 large bedrooms, fully equipped office/computer room. Available February 1992 to June 1992. \$1,500 per month plus utilities. References required. Enquiries: 454-3429.

Bloor/Euclid. Beautiful, furnished, large two-bedroom plus study, living-room, deck, central air, separate entrance. 4- to 6-month lease, January 1 or earlier. \$1,200 (negotiable). Call 534-6014 after 6 p.m.

Downtown one-bedroom apartment. Furnished and located close to campus and subway. Short- or long-term. For details, call 962-8169.

Sabbatical lease. Spacious, furnished, 5-bedroom home in prime downtown neighbourhood. 10 minutes walk to University of Toronto, 3 minutes to subway, shopping. All major appliances. Parking, deck, garden. From June/August 1992 until July/August 1993. \$2,000/month + utilities. 535-9353.

Superb Cabbagetown Victorian renos — two apartments. 1. Large bedroom, small bedroom, new carpeting, high ceilings. 2. Large bedroom, loft, deck, cathedral ceilings. Both have 5 appliances, parking and are available immediately. \$895. Doreen Rutter, 961-4444.

Cabbagetown. Gorgeous 2-storey upper duplex in quiet renovated Victorian. 3 bedrooms, skylight, 200 sq. ft. deck with city views, large eat-in kitchen, 5 appliances, cable, air-conditioning, carpeted. Available February 1. \$1,590/month. 944-2332.

Annex. Bright, unfurnished, two levels, two bedrooms, two bathrooms, five appliances, fireplace, deck and parking. Adjacent to subway; walk to U of T. \$1,450 plus hydro. Available February 1. 920-6823.

Yonge/St. Clair: 2-bedroom furnished luxury apartment. Spacious and sunny. Sublet January to June. Walk to shops, subway, park. \$1,200/month. 924-6093.

3-bedroom bungalow. Off Bathurst between Lawrence and Wilson. Spacious, large lot, private drive and garage, 6 appliances included. Walk to Yorkdale subway or Bathurst bus. Asking \$1,100 +. Day: 369-4162. Evening: 256-3121.

To rent 1992-1993. To responsible visiting professor and family. Fully furnished home in Thornhill. Corner lot, beautifully landscaped and fenced yard. 3+ bedrooms, 2

four-piece baths and 1/2 bath on main floor, large living-room with fireplace, separate dining-room, finished basement with fireplace. Fridge, stove, washer, dryer, microwave and dishwasher. Option to use 2-year-old car. Asking \$2,200 per month + utilities. Blanche, 881-2592; or Gemma, 754-4377.

Basement apartment. Large kitchen, two bedrooms. Suit couple or single person. Near subway station, 10 minutes to St. George campus. Own entrance, air, parking, laundry facilities, garden, lots of storage room. \$750. Call 256-6278.

ACCOMMODATION RENTALS REQUIRED

Help! Careful, responsible professional requires central one-bedroom apartment or flat. Would love deck, fireplace. No basements, please. \$500 per month from April 1, 1992. 489-2146 (leave message).

English professor from U.W.O., spouse, two children, seeking 3-4 bedroom home during leave for 1 year from September 1992 (other dates considered). Central, west, north preferred, but everywhere possible. No pets; willing to consider caring for yours; non-smokers. Many Toronto faculty references. Call (519) 472-4506.

ACCOMMODATION SHARED

Danforth and Broadview. Fully renovated house to share. Ideal for visiting professor or doctoral student. TTC 15 minutes to U of T. Entire third floor — 2 furnished rooms, skylights, minibar, air conditioning, \$600. Also 9' x 12' furnished bedroom/office with private deck over backyard, \$400. House has all appliances, fireplace, yard. Street parking. Non-smoking, pet-free, organized, quiet. Maid & utilities included. Available January 1. Call Ken Shepard, Ph.D. 463-0423.

Share large west Annex house, tastefully furnished. Own bedroom & study. Grand piano, fireplace, laundry. No pets or smokers. Available now. \$400 inclusive. 537-7257.

Dundas/Beverley: share renovated 2-bedroom condominium. Room available January 1992. Extras: antiques, fireplace, broadloom, washer/dryer, microwave, private entrance and one cat! \$500/month each + Hydro. Rebecca, (613) 584-1312 (evenings/weekends) or message (416) 351-1212.

Woman wanted to share renovated fully furnished duplex in prime Riverdale with one other woman. Own bedroom and sitting-room on separate floor. Share kitchen and bath. Large yard. Near Withrow Park. \$600 inclusive. 461-4563.

ACCOMMODATION OVERSEAS

South of France In Luberon. Renovated house in beautiful medieval hill-top village; 3 bedrooms, 2 bathrooms, modern kitchen, 1/2-hour to Aix-en-Provence. Renting now for 1992, by month or more. Terry or Davia Bates, 922-0300.

Two-bedroom, furnished apartment in London, England. Two miles from centre, good rail and bus links to most colleges and hospitals in London. Cost: Can. \$1,000 or £500 per calendar month. Ring 971-7055.

HOUSES & PROPERTIES FOR SALE

Penthouse for sale. 3 bedrooms plus den. 2,200 sq. ft. plus 600 sq. ft. terrace overlooking city and lake. Bathurst north of Eglinton. \$275,000. Canada Trust, Helene Katz, 481-3443.

Advance notice of sale. Earliest April we will list our splendid renovated home one block from campus on a quiet one-way street. Brick Victorian semi has 4 bedrooms, 2.5 baths, 2-car garage, many fine extras. Private offer this month well below anticipated listing price of \$510K. For info & appointment: 593-5008. No agents.

MISCELLANEOUS

Victoria B.C. Real Estate. Experienced, knowledgeable realtor with university faculty references. Will answer all queries and send information about retirement or investment properties in Victoria. No cost or obligation. Call (604) 595-3200 or write Lois Dutton, RE/MAX Ports West, 3200 Shelbourne Street, Victoria, B.C. V8P 5G8.

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Instruction on Zen meditation. Five Thursday evening Meditation Course begins January 16. Overnight Introductory Retreat, January 24-25. Sunday Meditation Service, 7 p.m. Inquiries welcome. Zen Buddhist Temple, 86 Vaughan Road (St. Clair & Bathurst). 658-0137.

Psychoanalysis. Intensive therapy 4-5 times weekly, covered by U of T staff extended health care benefits. Dr. Sarah Usher, Registered Psychologist, 170 Bloor Street West (at Avenue Road). 923-7997.

REPORTER / WRITER

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The Department of Public Affairs is seeking a reporter/writer. The successful candidate will write news stories and features on University affairs, science and scholarship and government policy as it affects higher education. The reporter/writer will work closely with the editors of both *The Bulletin* and the *University of Toronto Magazine*.

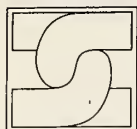
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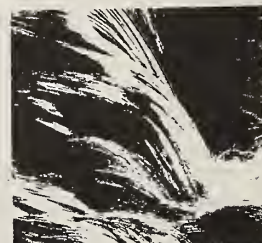
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Governing Council Election 1992

Nominations open

January 13th, 9 a.m.

Nominations close

January 24th, noon

Positions

- 4 Teaching staff seats
(Federated Universities;
A&S Sciences; Engineering;
Medicine)
- 1 Administrative staff seat
- 4 Full-time undergraduate
student seats
- 2 Part-time undergraduate
student seats
- 2 Graduate student seats

Governing Council is composed of 50 members including the President, the Chancellor, 16 government appointees, 12 teaching staff, 8 alumni, 8 students, 2 administrative staff and 2 presidential appointees. Council and its Boards are responsible for approval of such items as:

- academic and incidental fees
- establishment of new academic programs
- major admissions and awards policy
- the University's budget
- campus planning and capital projects
- personnel policies
- campus and student services

Information and nomination forms are available from

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RESEARCH NOTICES

For further information and application forms for the following agencies, please contact ORS at 978-2163.

HUMANITIES & SOCIAL SCIENCES NATIONAL ACADEMY OF EDUCATION (US)

The Spencer fellowship is offered to young scholars in the field of education and has a value to \$35,000 and may be used as salary support while on leave from teaching and/or administrative duties. Deadline is January 2.

MEDICINE & LIFE SCIENCES
AMERICAN PARALYSIS ASSOCIATION
APA's goal is to promote research that will result in a cure for paralysis associated with central nervous system trauma and disease, with an emphasis on spinal cord injury. Funding is available for: conferences; distinguished lectures; recovery of function; and clinical trials. Investigators are reminded that an indirect cost component of 10 percent is permitted and application budgets must include the full percentage allowed. Deadline is January 15.

CANADIAN RED CROSS SOCIETY
The research and development program of CRCS offers support in all areas of collection, testing, processing and therapeutic use of blood and blood products. Funds are currently available for career development fellowship awards, tenable at Canadian Red Cross blood services centres only. Applications are made through and with the support of the medical director of the blood services centre at which the applicant intends to work. The application procedure and administration of the fellowship rests with the chosen centre. Deadline is January 15.

ONTARIO THORACIC SOCIETY
The society supports respiratory research in Ontario with particular consideration given to investigators within five years of the beginning of their first faculty appointment. Grants are awarded for one year only but renewal applications are accepted. Investigators are reminded that applications must either include human subject or animal use approval or be received by the society by March 1. Deadline is January 15.

SAVOY FOUNDATION
Funding is available for research in a biomedical, health sciences or social sciences discipline related to epilepsy. Studentships are offered to a Canadian citizen with a BSc, MD or equivalent. Stipends are \$12,000 for the first year, renewable for a maximum of four years. Post-doctoral and clinical research research fellowships are offered to Canadian citizens with a PhD or MD to carry out full-time research in the field of epilepsy. The value of the award is \$25,000 for one year, renewable up to two years.
Research grants to a value of \$20,000 are available for: research with the

expectation of funds already requested from government agencies; preliminary studies in preparation of a more substantial proposal to another agency; temporary support following interruption or termination of a grant; a contribution to funding from another source; and the funding of a scientific meeting or publication related to the field of epilepsy. Projects must be conducted in Canada. Deadlines are January 15.

THYROID FOUNDATION OF CANADA
The foundation offers a limited number of summer student research scholarships, tenable in Canadian medical institutions. Candidates must be enrolled in the medical faculty of a Canadian university and be supervised by an investigator with a recognized interest in thyroid function. Only one application will be accepted from each school. Deadline is January 10.

WHITAKER FOUNDATION
The foundation invites applications from biomedical investigators who are in the early stages of their research careers and whose medical research projects substantially involve the innovative use of engineering techniques or principles. Grants are awarded at \$60,000 per year for three years. Application is by submission of a preliminary proposal; full applications will be invited. Interested investigators are reminded that the usual University review and signature procedures apply. Deadline is January 2.

**PHYSICAL SCIENCES & ENGINEERING
ATMOSPHERIC ENVIRONMENT
SERVICE/NSERC**
The science subvention program is jointly funded by AES and NSERC and is administered by Environment Canada. Support is offered for a period of one to three years. High priority will be given to research projects which will enhance AES's ability to predict weather and will provide further knowledge of the atmospheric environment. Deadline is January 15.

MINISTRY OF TRANSPORTATION
The purpose of the highway safety research grants program is to encourage basic and applied research on the behavioural, economic and social aspects of highway safety. It is expected that about five awards in the \$20,000 range will be made. Deadline is January 31.

UPCOMING DEADLINES
Alzheimer's Disease & Related Disorders Association Inc. — research grants, faculty scholarships: *January 17.*
American Paralysis Association — research grants, conference and lecture grants, clinical trials: *January 15.*
Amyotrophic Lateral Sclerosis Association (US) — full research grant application: *January 1.*
Atmospheric Environment

Service/NSERC — science subvention program research grants: *January 15.*
Canadian Foundation for Ileitis & Colitis — summer student scholarships: *January 15.*

Canadian Red Cross Society — blood services career development fellowships: *January 15.*

Canadian-Scandinavian Foundation — Swedish Institute scholarships, special purpose grants, Finair travel grants, Brucebo fine art scholarships, William B. Bruce fine arts European travel scholarships: *January 31.*

Dairy Bureau of Canada — research grants (letters of intent): *January 1.*

Anna Fuller Foundation — fellowships: *January 1.*

Harry Frank Guggenheim Foundation — research grants, PhD dissertation fellowships: *February 1.*

Hannah Institute — undergraduate summer studentships: *January 20.*

Huntington Society of Canada — pre-doctoral fellowships: *December 31.*

Leukemia Research Fund — operating grants, fellowships: *January 31.*

Lalor Foundation — research grants, post-doctoral fellowships: *January 15.*

Lithoprobe — research grants: *December 20.*

March of Dimes — education program, medical services program: *January 1.*

MRC — development program, dental fellowships (new and renewal): *January 1.*

Ministry of Colleges & Universities — URIF, for ministry deadline Jan. 31, ORS deadline: *January 24.*

Ministry of Transportation — highway safety research grants program: *January 31.*

Muscular Dystrophy Association of Canada — human subjects, animals and biohazard approval forms: *January 14;* summer students; Arthur Minden fellowships: *January 15.*

National Academy of Education — Spencer fellowships: *January 2.*

Ontario Lung Association/Thoracic Society — research grants: *January 15.*

Ontario Ministry of Health — graduate, post-graduate and research fellowships: *January 15.*

Ontario Thoracic Society — research grants: *January 15.*

RP Eye Research Foundation — operating, equipment, scholar, fellowship, studentship grants: *January 15.*

Savoy Foundation — studentships, research grants, post-doctoral and clinical research fellowships: *January 15.*

Smokeless Tobacco Research Council — research grants: *December 31.*

SSHRC — strategic partnership development grants: *January 15.*

Thyroid Foundation of Canada — summer student scholarships: *January 10.*

U of T — general research grants: *January 15.*

Whitaker Foundation — preliminary applications: *January 2.*



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Application Deadline: Friday, January 24, 1992

All members of the University community are invited and encouraged to submit nominations for the Chancellor's and Faculty Awards.

The three awards are presented at the Awards of Excellence Dinner in April

For more information or applications, contact
978-2366 or 978-6536.

PHD ORALS

Graduate faculty please call the PhD oral examination office
at 978-5258 for information
regarding time and location for these listings.

FRIDAY, DECEMBER 20
Catherine Aczel Boivie,
Department of Education, "An
Investigation of Expert System
Tools in Terms of Learning and
Application in Decision Making."
Prof. S. Padro.

Won Sop Shin, Faculty of
Forestry, "Wilderness Campers'
Attitudes and Their
Self-Actualization Based on a
Study of Three Ontario Provincial

Parks." Prof. R. Jaakson.
TUESDAY, JANUARY 7
Craig Edgar Boutilier,
Department of Computer Science,
"Visibility Graph Recognition."
Prof. R. Reiter.

Winnifred May Hall, Department
of Education, "Jamaican Deaf
Children: Patterns of Written
Language Performance."
Prof. C.M. Musselman.

FRIDAY, JANUARY 10
Isaac Gorelic, Department of
Mathematics & Applied
Mathematics, "Set-Theoretic
Forcing and Lindelof Topological
Spaces." Prof. W.A.R. Weiss.

Constance Mary Rousseau, Centre
for Medieval Studies, "Marriage,
Sexuality and Family in the
Letters of Pope Innocent III
(1198-1216)."
Prof. M.M. Sheehan.

MOVING IN A NEW DIRECTION

In occupational therapy, a little help goes a long way

By JUDITH FRIEDLAND

IN SEPTEMBER THE *REPORT ON BUSINESS* MAGAZINE published by *The Globe and Mail* predicted that occupational therapy would be the fifth-fastest growing profession in the 90s. Given the uncertainty in today's job market, such a statement about any profession is noteworthy. So what's happening in health care — and in society — that warrants these projections?

The most obvious factors in predicting the growth of the profession are demographic: an aging population and a larger number of people living with chronic illness and disability. However, these factors would not in themselves be enough without the concurrent shift in the philosophy of health care. A succession of government reports has redirected our thinking — if not yet our actions and our financial resources — away from acute hospital care and a focus on cure to life in the community and adjustment and adaptation.

There is also an increasing acceptance of the idea that it is society's duty to provide, and the individual's right to have, environments that are not only physically accessible but socially receptive. While occupational therapists will continue to play an important role in rehabilitating individuals with illness or injury and helping to restore their functional abilities, emphasis on the adjustment of the individual and on the modification of the social and physical environment, is what is making the therapist a key player in the new health care scenario.

ENGAGING IN MEANINGFUL ACTIVITIES FOR THE purpose of promoting health has been considered important throughout history. Particular attention was placed on the value of activity in the early 1800s when inhumane practices for those with mental illness began to change in many areas of Europe and North America. In due course it was noted that people with mental illness managed better when their day was structured by activity and when the social and physical environment was supportive and accepting.

Interest in promoting health and well-being as distinct from focusing on pathology was an essential component of early occupational therapy. Adolf Meyer (1866-1950), an influential psychiatrist in the US who helped to formulate many basic concepts in occupational therapy, noted that "proper use of time in some helpful and gratifying activity" was important in the treatment of all mental illness. In 1881 when Dr. C.K. Clarke (a U of T graduate who was to become its first professor of psychiatry) took over the Rockwood Institution for the Insane in Kingston, Ontario, he abolished the jail-like atmosphere and introduced the relatively new ideas that were to become the profession of occupational therapy.

The profession became organized during the First World War when attempts were made to restore disabled soldiers to a useful, independent life. Professor Herbert Haultain of the Faculty of Applied Science at U of T was among those who helped arrange a training course for "suitable young ladies" to prepare them to instruct the men in a wide range of activities both mental and manual. Activities were to be used as treatment and to assess interests and aptitudes for vocational training. Short courses to train occupational therapists were set up — the first was held in 1918 in the basement of the Mining Building. By the time the emergency courses were discontinued in 1919 over 350 graduates had been posted to military hospitals across Canada. A few years later, many of these therapists found themselves working with patients facing lengthy treatment for tuberculosis.

In 1925 Dr. Goldwin Howland, a neurologist and member of the advisory board of the Ontario Society of Occupational Therapists, pointed out the urgent need for a course in occupational therapy. Together with the then dean of the Faculty of Medicine, Dr. Alexander Primrose, he sought approval from the University Senate for a two-year course to be established under the Department of University Extension.

Today the occupational therapy program at U of T is a four-year BSc degree in the Department of Rehabilitation Medicine in the clinical sciences division of the Faculty of Medicine. An annual admission of 64 women and men makes the student body

the largest of the 12 programs in Canada. The academic program includes arts and science courses in addition to the basic and clinical sciences and applied professional courses. Fieldwork experience occurs throughout the academic program and is based on a model of self-directed learning. A proposal for a graduate program in rehabilitation science is currently under consideration in the School of Graduate Studies.

Although activity in occupational therapy was initially used to promote or maintain health, emphasis was shortly thereafter placed on the development of skills required for the competent



BEING ABLE TO RECEIVE
HELP IS IMPORTANT IN
MAINTAINING WELL-BEING

JUDITH FRIEDLAND

performance of everyday tasks and roles. For example, the skill of being able to eat a meal independently following a major stroke may need to be redeveloped. Performance can be facilitated through the teaching of the component parts of the actions involved, by the provision of devices such as a splint or special eating utensils or through adaptations such as specially constructed seating systems which stabilize the trunk and make it easier for the upper body to function. Facilitating psychosocial adjustment following an event such as stroke is an equally important part of the occupational therapist's work.

In general the emphasis in rehabilitation has been on adaptation by individuals with a disability to the environments in which they live. More recently, however, there has been a

greater awareness by society of its obligation to make environments more physically accessible and more socially receptive to people with disabilities. The Ontario Human Rights Code along with a strong consumer movement among those with disabilities have helped to speed this development. The change has resulted in a greater role for occupational therapists as "environmental managers" and where necessary, as advocates.

The different aspects of occupational therapy can be seen in much of the research undertaken by the faculty in our division. Broadly speaking our research aims to improve functional outcome and enhance quality of life for people with disabilities. For example, the development of hand splints for children with cerebral palsy facilitates their ability to carry out the tasks of everyday living. Another study is examining the variables that determine successful independent living for adults with physical disabilities; the results will contribute to the better planning of services for this population.

The role of the social environment in accommodating people with disabilities is being examined in a study looking at stress and coping in families of adolescents with Duchenne muscular dystrophy while another study is assessing the relationships among social support, coping and quality of life for people who are HIV positive or have AIDS.

Our research involves us with various health facilities in the Toronto area as well as other disciplines and centres at the University.

SOME PHILOSOPHICAL QUESTIONS WILL LIKELY direct our thinking in future research. For example, there has always been a focus in occupational therapy on helping people to achieve functional independence. However, we have begun to question what may have been an over-emphasis on independence. If we consider it so important, we are, by definition, devaluing the notion of interdependence. Yet being able to receive help, and not having to feel inferior for doing so, is also important in maintaining well-being.

Other questions which we will have to address include that of productivity — and the importance of paid work in this context. An important goal in occupational therapy has been vocational rehabilitation with the tacit understanding that to be able to work — at whatever level — was a shared societal value. But in a society such as ours where unemployment is high and early retirement is increasingly common, is it healthy to place such an emphasis on paid work or should the emphasis shift to productivity which can be defined more broadly and therefore can be a more achievable goal?

And in our stress-filled society, what of the balance of activities? In 1922, in an address to occupational therapists, Meyer noted that a "balance of work, play, rest and sleep" was essential to the maintenance of health. We still don't know what that magic balance is and how it should differ for each of us but the concept has gained in importance. Today we recognize the importance not only of productivity but of leisure and we are aware of its potential for alleviating stress and promoting and maintaining health; helping individuals to engage in appropriate leisure and social activities has become an important part of occupational therapy.

The projected increase in the number of occupational therapists required in this decade is perhaps most graphically described by the varied settings in which they will work. While they will continue to play an important role in acute care hospitals and rehabilitation centres, occupational therapists will play an increasing role in ambulatory care, chronic care facilities, community clinics and centres, home care programs, the regular school system, day programs and in the workplace. Minimizing the impact of disability will continue to be their primary challenge; helping individuals to adapt to their environments — and helping environments to adapt to individuals — is their modus operandi.

Professor Judith Friedland is director of the occupational therapy division in the Department of Rehabilitation Medicine.